

IN THE CLAIMS

Please amend the claims to be in the form as follows:

Claim 1 (currently amended): A video query processing method, comprising:
providing video query processing software;
providing video content;
dynamically linking the software to the video content;
receiving by the software a query keyed to a segment of the video content;
ascertaining if the query needs to be recast and prompting for user input if the
query needs to be recast; and
determining by the software an answer to the query.

Claim 2 (original): The method of claim 1, wherein the software is within a video processing system.

Claim 3 (original): The method of claim 2, wherein the video processing system is operating in a stand-alone mode.

Claim 4 (original): The method of claim 2, wherein the video processing system is operating in a service mode.

Claim 5 (original): The method of claim 1, wherein providing video content includes providing video content in real time.

Claim 6 (original): The method of claim 1, wherein providing video content includes providing recorded video content.

Claim 7 (original): The method of claim 1, wherein the determining comprises receiving information by the software, wherein the information is derived from a database, and wherein the information answers the query.

Serial No. 09/818,303

2

Claim 8 (original): The method of claim 7, wherein receiving information includes: receiving data from the database, wherein the data includes the information; and extracting the information from the data.

Claim 9 (original): The method of claim 7, wherein receiving information includes: finding data in the database, wherein the data includes the information; and extracting the information from the data at the database; sending the information to the software.

Claim 10 (original): The method of claim 7, further comprising identifying the database by a pointer located in a search site descriptions repository.

Claim 11 (original): The method of claim 7, wherein the software is within a video processing system, and wherein the database is external to the video processing system.

Claim 12 (original): The method of claim 11, wherein the database is coupled to an Internet web site.

Claim 13 (original): The method of claim 11, wherein the database is coupled to a remote server.

Claim 14 (currently amended): The method of claim 1, wherein providing video content includes providing the dynamic video content to a user of the video query processing method, and wherein receiving the query includes communicating the query to the software by the user.

Claim 15 (original): The method of claim 14, further comprising communicating the answer to the user.

Claim 16 (original): The method of claim 1, wherein the determining comprises: receiving by the software information derived from each database of a plurality of databases, wherein each database is external to the video processing system, and wherein

the information derived from each database partially answers the query; and merging the information derived from each database to arrive at the answer.

Claim 17 (original): The method of claim 16, wherein receiving information includes: receiving data from each database, wherein the data received from each database includes the information derived from each database; and extracting the information derived from each database from the data of each database.

Claim 18 (original): The method of claim 16, wherein receiving information includes: finding data in each database, wherein the data in each database includes the information derived from each database; extracting the information derived from each database from the data in each database, wherein the extracting is executed at each database; and sending the information derived from each database to the software.

Claim 19 (original): The method of claim 1, wherein the query received by the software is a canned query.

Claim 20 (original): The method of claim 19, wherein the canned query is a function of a genre of the video content.

Claim 21 (original): The method of claim 1, wherein the query received by the software is an unbounded query, and further comprising deriving at least one canned query from the unbounded query.

Claim 22 (currently amended): The method of claim 1, wherein the query received by the software is in indefinite form, and wherein ascertaining further comprising comprises recasting the received query in definite form.

Claim 23 (original): The method of claim 1, further comprising: receiving by the software a program-level question in relation to the video content; and ascertaining by the software an answer to the question.

Serial No. 09/818,303

4

Claim 24 (original): The method of claim 23, further comprising extracting features from the video content, wherein the ascertaining includes utilizing the extracted features to answer to the question.

Claim 25 (original): The method of claim 24, further comprising storing the extracted features in transient memory prior to utilizing the extracted features to answer the question.

Claim 26 (original): The method of claim 24, wherein extracting features includes taking into account preferences of a user of the query processing method.

Claim 27 (original): The method of claim 24, wherein extracting features from the video content includes extracting features from at least one of a video program of the video content and an electronic program guide of the video content.

Claim 28 (currently amended): A video query processing system, comprising video query processing software dynamically linked to video content and configured to receive a query keyed to a segment of the video content and configured to with means for ascertaining if the query needs to be recast prompting for user input if the query needs to be recast and to determine an answer to the query.

Claim 29 (original): The system of claim 28, wherein the software is within a video processing system.

Claim 30 (original): The system of claim 29, wherein the video processing system is operating in a stand-alone mode.

Claim 31 (original): The system of claim 29, wherein the video processing system is operating in a service mode.

Claim 32 (original): The system of claim 28, wherein the video content includes real-time video content.

Claim 33 (original): The system of claim 28, wherein the video content includes recorded video content.

Claim 34 (original): The system of claim 28, further comprising a database, wherein the software is configured to determine the answer by receiving information that is derived from the database, and wherein the information answers the query.

Claim 35 (original): The system of claim 34, wherein the software is configured to receive data from the database, wherein the data includes the information, and wherein the software is configured to extract the information from the data.

Claim 36 (original): The system of claim 34, wherein data in the database includes the information, wherein the information is extracted at the database from the data, and wherein the information so extracted is sent to the software.

Claim 37 (original): The system of claim 34, further comprising a search site descriptions repository that is coupled to the software, wherein the search site descriptions repository includes a pointer that identifies the database.

Claim 38 (original): The system of claim 34, wherein the software is within a video processing system, and wherein the database is external to the video processing system.

Claim 39 (original): The system of claim 38, wherein the database is coupled to an Internet web site.

Claim 40 (original): The system of claim 38, wherein the database is coupled to a remote server.

Claim 41 (original): The system of claim 28, wherein the software is configured to receive the query from a user of the video query processing system.

Claim 42 (original): The system of claim 41, wherein the software is configured to communicate the answer to the user.

Claim 43 (original): The system of claim 28, further comprising a plurality of databases, wherein the software is configured to receive information derived from each database of the plurality of databases, wherein each database is external to the VPS, wherein the information derived from each database partially answers the query, and wherein the system is configured to merge the information derived from each database to arrive at the answer.

Claim 44 (original): The system of claim 43, wherein the software is configured to receive data from each database, wherein the data received from each database includes the information derived from each database, and wherein the software is configured to extract the information derived from each database from the data of each database.

Claim 45 (original): The system of claim 43, wherein the data in each database includes the information derived from each database, wherein the information is extracted at each database from the data in each database, and wherein the information so extracted is sent to the software.

Claim 46 (original): The system of claim 28, wherein the query is a canned query.

Claim 47 (original): The system of claim 46, wherein the canned query is a function of a genre of the video content.

Claim 48 (original): The system of claim 28, wherein the query is an unbounded query, and wherein the software is configured to derive at least one canned query from the unbounded query.

Serial No. 09/818,303

7

Claim 49 (currently amended): The system of claim 28, wherein ascertain further comprises ascertaining if the query is in indefinite form, and wherein the software is configured to recast the query in definite form.

Claim 50 (currently amended): The system of claim 28, wherein the software is configured to receive a program-level question in relation to the video content and to ~~ascertain~~ provide an answer to the question.

Claim 51 (original): The system of claim 50, wherein the software is configured to extract features from the video content, wherein to ascertain an answer to the question includes to utilize the extracted features to answer the question.

Claim 52 (original): The system of claim 51, wherein the software is configured to store the extracted features in transient memory.

Claim 53 (original): The system of claim 51, wherein to extract features includes to take into account preferences of a user of the query processing system.

Claim 54 (original): The system of claim 51, wherein to extract features from the video content includes to extract features from at least one of a video program of the video content and an electronic program guide of the video content.

Claim 55 (currently amended): A video processing architecture, comprising a video processing system, wherein the video processing system includes: a processor; a memory structure coupled to the processor, wherein the memory structure includes a computer code, wherein the computer code includes video query software configured to be dynamically linked to video content and configured to receive a query keyed to a segment of the video content and further configured with means for ascertaining if the query needs to be recast and prompting for user input if the query needs to be recast and further configured to determine an answer to the query; a local database coupled to the

processor; a video input device coupled to the processor and to the local database; a user input device coupled to the processor; and an output device coupled to the processor.

Claim 56 (original): The video processing architecture of claim 55, further comprising an external database coupled to the software, wherein the video query software is configured to utilize the external database to determine the answer to the query.

Claim 57 (original): The video processing architecture of claim 55, further comprising a video source, wherein the video processing architecture is configured to enable the video source to transmit the video content to the video processing system.

Claim 58 (original): The video processing architecture of claim 55, wherein the software is configured to receive the query from a user of the software.

Claim 59 (currently amended): A computer program product comprising a computer usable medium having a computer readable computer code embedded therein, wherein the computer code comprises video query processing software dynamically linked to video content and configured to receive a query keyed to a segment of the video content and configured with means for ascertaining if the query needs to be recast and for prompting for user input if the query needs to be recast and to determine an answer to the query.